

## Informal note by the co-facilitators

*At the first informal consultations on 10 June 2021, Parties discussed matters related to research and systematic observation and reflected on the twelfth and thirteenth meetings of the research dialogue, the Earth Information Day 2020 and relevant submissions. This informal note has been prepared by the co-facilitators of the informal consultations under their own responsibility.*

*The possible elements contained in this informal note are not exhaustive, have no formal status and should not be considered as final in any way. They are offered to assist Parties in advancing discussions on this matter and do not prejudge further work or prevent Parties from expressing their views at any time.*

### Possible elements

- Welcome the activities and information reported in the statements submitted by GCOS and WMO,<sup>1</sup> including the ongoing efforts in relation to the Status Report of the Global Observing System for Climate, the GCOS Implementation Plan, the WMO Global Basic Observing Network and the WMO Unified Policy for the International Exchange of Earth System Data.
- Note the views submitted by Parties and observers on possible topics and considerations for the twelfth, thirteenth and future meetings of the research dialogue and the Earth Information Day 2020.<sup>2</sup>
- Express appreciation to the secretariat and the SBSTA Chair for organizing and enabling:
  - The twelfth meeting of the research dialogue (24–25 November 2020);<sup>3</sup>
  - The Earth information Day 2020 (30 November 2020);<sup>4</sup>
  - The thirteenth meeting of the research dialogue (1–2 June 2021).<sup>5</sup>
- Note the information notes<sup>6</sup> prepared by the SBSTA Chair for the events listed in bullet 3 above and welcome the themes and topics covered.
- Welcome the summary reports<sup>7</sup> prepared by the SBSTA Chair for the twelfth meeting of the research dialogue and the Earth Information Day 2020 and invite the Chair to prepare a summary report for the thirteenth meeting of the research dialogue.
- Express appreciation to Parties and all participating organizations and programmes and their representatives for their contributions to the events listed in bullet 3 above.
- Welcome the diverse and informative nature of the presentations, posters and discussions, note the value of the rich exchange of information and country-level experience, as well as the virtual approaches used, and emphasize the need to continue such exchanges.
- Welcome the secretariat's innovative organization of the virtual poster session during the thirteenth meeting of the research dialogue and the opportunity for informal exchanges this provided.

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<sup>1</sup> Available at <https://www4.unfccc.int/sites/submissionsstaging/Pages/Home.aspx>.

<sup>2</sup> Available at <https://www4.unfccc.int/sites/submissionsstaging/Pages/Home.aspx> and on the relevant web pages of the events listed in bullet 3 of this document.

<sup>3</sup> See <https://unfccc.int/topics/science/events-meetings/research-dialogue/twelfth-meeting-of-the-research-dialogue>.

<sup>4</sup> See <https://unfccc.int/event/earth-information-day-2020>.

<sup>5</sup> See <https://unfccc.int/event/thirteenth-meeting-of-the-research-dialogue>.

<sup>6</sup> Available on the relevant web pages of the events listed in bullet 3 of this document.

<sup>7</sup> Also available on the relevant web pages of the events listed in bullet 3 of this document.

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- Note the importance, at future mandated events, of increasing the participation and representation of experts from a wider range of geographical regions and of knowledge holders such as youth, indigenous peoples and local community representatives.
  - Acknowledge the ongoing efforts of the IPCC on its Sixth Assessment Report.
  - Note with concern the state of the global climate system as conveyed at Earth Information Day 2020.
  - Encourage Parties and relevant organizations to support sustained observations of the climate system.
  - Note the valuable progress of the work of the scientific community on the themes and topics presented at the events listed in bullet 3 above with a view to strengthening the global response to climate change.
  - Encourage Parties, relevant organizations and academia to address gaps and needs with regard to:
    - Promoting exchange of usable and accessible scientific information and all relevant knowledge at the science–policy interface with a view to increasing ambition under the Paris Agreement;
    - Connecting knowledge holders, innovators and technical experts with decision makers so as to increase understanding and use of knowledge, products, tools and climate services that inform risk assessment and management;
    - Furthering the contribution of indigenous and local knowledge to understanding climate change and its consequences, and weaving such knowledge into decision-making;
    - Developing scientific indicators to track the progress of adaptation and mitigation action under the Paris Agreement;
    - Understanding the benefits, risks and limitations of nature-based solutions, such as preserving blue carbon ecosystems;
    - Improving the performance of regional climate models to inform local decision-making for developing countries, particularly the LDCs and SIDS;
    - Facilitating equitable access to higher education and improving exchange of knowledge between the global North and global South.
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